

09864027\_CLS.txt  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09864027 on December 06, 2001

Original Classifications

3	224/502
3	280/477
3	340/431
2	180/14.2
2	224/509
2	224/521
2	280/154
2	280/403
2	280/410
2	280/504
2	340/686.1

Cross-Reference Classifications

6	224/519
5	280/477
4	224/509
4	224/924
3	33/264
3	224/282
3	224/506
3	224/529
3	280/507
3	296/168
3	340/431
2	172/439
2	180/14.1
2	180/14.3
2	224/281
2	224/501
2	224/521
2	224/523
2	224/531
2	224/532
2	224/537
2	239/172
2	250/491.1
2	280/444
2	280/476.1
2	280/491.2
2	280/491.3
2	280/492
2	280/495
2	280/497

2 280/504  
2 280/511  
2 280/851  
2 296/157  
2 307/10.1  
2 307/9.1  
2 340/539  
2 340/687  
2 340/691.6  
2 340/693.1  
2 414/462  
2 414/483  
2 417/234

Combined Classifications

8 280/477  
6 224/509  
6 224/519  
6 340/431  
4 224/502  
4 224/521  
4 224/924  
4 280/504  
4 280/507  
3 33/264  
3 172/439  
3 224/282  
3 224/506  
3 224/529  
3 224/532  
3 280/410  
3 280/495  
3 296/168  
3 414/462  
2 144/193.1  
2 180/14.1  
2 180/14.2  
2 180/14.3  
2 180/53.3  
2 224/281  
2 224/501  
2 224/523  
2 224/531  
2 224/537  
2 239/172  
2 250/491.1  
2 280/154  
2 280/402

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2 280/403  
2 280/418.1  
2 280/441.2  
2 280/444  
2 280/476.1  
2 280/478.1  
2 280/482  
2 280/490.1  
2 280/491.2  
2 280/491.3  
2 280/492  
2 280/494  
2 280/497  
2 280/511  
2 280/851  
2 296/157  
2 296/24.1  
2 307/10.1  
2 307/9.1  
2 340/539  
2 340/686.1  
2 340/687  
2 340/691.6  
2 340/693.1  
2 414/483  
2 417/234

## Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09864027 on December 06, 2001

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8 280/477      (3 OR, 5 XR)
    Class 280 : LAND VEHICLES
    280/29      WHEELED
    280/400      .Articulated vehicle
    280/477      ..Connection facilitating

6 224/509      (2 OR, 4 XR)
    Class 224 : PACKAGE AND ARTICLE CARRIERS
    224/400      VEHICLE ATTACHED
    224/488      .Carrier attached to the front or rear end of
                  vehicle
    224/495      ..Movable carrier or carrier portion
    224/502      ...Pivotable
    224/509      ....Axis perpendicular to bumper axis

6 224/519      (0 OR, 6 XR)
    Class 224 : PACKAGE AND ARTICLE CARRIERS
    224/400      VEHICLE ATTACHED
    224/488      .Carrier attached to the front or rear end of
                  vehicle
    224/511      ..Cooperating coupling member on article
                  carrier and vehicle
    224/518      ...Attached to undercarriage
    224/519      ....Trailer hitch

6 340/431      (3 OR, 3 XR)
    Class 340 : COMMUNICATIONS: ELECTRICAL
    340/425.5    LAND VEHICLE ALARMS OR INDICATORS
    340/431      .For trailer

4 224/502      (3 OR, 1 XR)
    Class 224 : PACKAGE AND ARTICLE CARRIERS
    224/400      VEHICLE ATTACHED
    224/488      .Carrier attached to the front or rear end of
                  vehicle
    224/495      ..Movable carrier or carrier portion
    224/502      ...Pivotable

4 224/521      (2 OR, 2 XR)
    Class 224 : PACKAGE AND ARTICLE CARRIERS
    224/400      VEHICLE ATTACHED
    224/488      .Carrier attached to the front or rear end of
                  vehicle

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224/511 ..Cooperating coupling member on article  
carrier and vehicle  
224/518 ...Attached to undercarriage  
224/519 ....Trailer hitch  
224/521 .....Telescoping

4 224/924 (0 OR, 4 XR)  
Class 224 : PACKAGE AND ARTICLE CARRIERS  
224/924 VEHICLE ATTACHED CARRIER FOR BICYCLE OR  
MOTORCYCLE

4 280/504 (2 OR, 2 XR)  
Class 280 : LAND VEHICLES  
280/29 WHEELED  
280/400 .Articulated vehicle  
280/504 ..Coupling

4 280/507 (1 OR, 3 XR)  
Class 280 : LAND VEHICLES  
280/29 WHEELED  
280/400 .Articulated vehicle  
280/504 ..Coupling  
280/507 ...Protector or lock

3 33/264 (0 OR, 3 XR)  
Class 033 : GEOMETRICAL INSTRUMENTS  
33/227 STRAIGHT-LINE LIGHT RAY TYPE  
33/263 .Structurally installed  
33/264 ..Vehicle

3 172/439 (1 OR, 2 XR)  
Class 172 : EARTH WORKING  
172/439 MAST TYPE HITCH (E.G., THREE POINT HITCH, ETC.

)

3 224/282 (0 OR, 3 XR)  
Class 224 : PACKAGE AND ARTICLE CARRIERS  
224/400 VEHICLE ATTACHED  
224/282 .Pivotable or rotatable receiver

3 224/506 (0 OR, 3 XR)  
Class 224 : PACKAGE AND ARTICLE CARRIERS  
224/400 VEHICLE ATTACHED  
224/488 .Carrier attached to the front or rear end of  
vehicle  
224/495 ..Movable carrier or carrier portion  
224/502 ...Pivotable

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- 224/504 ....Axis parallel to bumper axis
- 224/505 .....Position retaining means
- 224/506 .....Pin and aperture
- 3 224/529 (0 OR, 3 XR)
  - Class 224 : PACKAGE AND ARTICLE CARRIERS
  - 224/400 VEHICLE ATTACHED
  - 224/488 .Carrier attached to the front or rear end of vehicle
  - 224/522 ..Article-confining support means
  - 224/523 ...Laterally extending member
  - 224/524 ....Platform type
  - 224/529 .....Horizontal support brace
- 3 224/532 (1 OR, 2 XR)
  - Class 224 : PACKAGE AND ARTICLE CARRIERS
  - 224/400 VEHICLE ATTACHED
  - 224/488 .Carrier attached to the front or rear end of vehicle
  - 224/522 ..Article-confining support means
  - 224/531 ...Upright member
  - 224/532 ....Laterally extending arms
- 3 280/410 (2 OR, 1 XR)
  - Class 280 : LAND VEHICLES
  - 280/29 WHEELED
  - 280/400 .Articulated vehicle
  - 280/408 ..With draft means at front and rear of same vehicle (e.g., vehicle train)
  - 280/410 ...Direct draft
- 3 280/495 (1 OR, 2 XR)
  - Class 280 : LAND VEHICLES
  - 280/29 WHEELED
  - 280/400 .Articulated vehicle
  - 280/495 ..Vehicle mounting or clamp
- 3 296/168 (0 OR, 3 XR)
  - Class 296 : LAND VEHICLES: BODIES AND TOPS
  - 296/1.1 BODIES
  - 296/156 .Camper
  - 296/168 ..Supported on a trailer-type vehicle unit
- 3 414/462 (1 OR, 2 XR)
  - Class 414 : MATERIAL OR ARTICLE HANDLING
  - 414/462 VEHICLE ATTACHED AUXILIARY CARRIERS
- 2 144/193.1 (1 OR, 1 XR)

- Class 144 : WOODWORKING  
144/193.1 SPLITTING MACHINE
- 2 180/14.1 (0 OR, 2 XR)  
Class 180 : MOTOR VEHICLES  
180/14.1 VEHICLE TRAINS
- 2 180/14.2 (2 OR, 0 XR)  
Class 180 : MOTOR VEHICLES  
180/14.1 VEHICLE TRAINS  
180/14.2 .Motorized trailer
- 2 180/14.3 (0 OR, 2 XR)  
Class 180 : MOTOR VEHICLES  
180/14.1 VEHICLE TRAINS  
180/14.2 .Motorized trailer  
180/14.3 ..All motors supplied from power plant of a  
single vehicle
- 2 180/53.3 (1 OR, 1 XR)  
Class 180 : MOTOR VEHICLES  
180/53.1 MOTOR AS SOURCE OF POWER FOR OTHER MACHINE  
180/53.3 .Other machine is mounted by three point hitch  
(i.e., Ford-Ferguson hitch)
- 2 224/281 (0 OR, 2 XR)  
Class 224 : PACKAGE AND ARTICLE CARRIERS  
224/400 VEHICLE ATTACHED  
224/281 .Slidable receiver
- 2 224/501 (0 OR, 2 XR)  
Class 224 : PACKAGE AND ARTICLE CARRIERS  
224/400 VEHICLE ATTACHED  
224/488 .Carrier attached to the front or rear end of  
vehicle  
224/495 ..Movable carrier or carrier portion  
224/501 ...Adjustable to size of article
- 2 224/523 (0 OR, 2 XR)  
Class 224 : PACKAGE AND ARTICLE CARRIERS  
224/400 VEHICLE ATTACHED  
224/488 .Carrier attached to the front or rear end of  
vehicle  
224/522 ..Article-confining support means  
224/523 ...Laterally extending member
- 2 224/531 (0 OR, 2 XR)  
Class 224 : PACKAGE AND ARTICLE CARRIERS

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224/400 VEHICLE ATTACHED

224/488 .Carrier attached to the front or rear end of vehicle

224/522 ..Article-confining support means

224/531 ...Upright member

2 224/537 (0 OR, 2 XR)

Class 224 : PACKAGE AND ARTICLE CARRIERS

224/400 VEHICLE ATTACHED

224/488 .Carrier attached to the front or rear end of vehicle

224/533 ..Article retaining means

224/537 ...Article held in channel

2 239/172 (0 OR, 2 XR)

Class 239 : FLUID SPRINKLING, SPRAYING, AND DIFFUSING

239/146 WITH MOBILE TANK-TYPE SUPPLY MEANS

239/172 .Vehicle drawn or carried

2 250/491.1 (0 OR, 2 XR)

Class 250 : RADIANT ENERGY

250/491.1 MEANS TO ALIGN OR POSITION AN OBJECT RELATIVE TO A SOURCE OR DETECTOR

2 280/154 (2 OR, 0 XR)

Class 280 : LAND VEHICLES

280/29 WHEELED

280/727 .Attachment

280/847 ..Dust and mud guards

280/848 ...Body attached

280/154 ....Securing device

2 280/402 (1 OR, 1 XR)

Class 280 : LAND VEHICLES

280/29 WHEELED

280/400 .Articulated vehicle

280/402 ..Single end suspension of transported vehicle

2 280/403 (2 OR, 0 XR)

Class 280 : LAND VEHICLES

280/29 WHEELED

280/400 .Articulated vehicle

280/403 ..With access between vehicles

2 280/418.1 (1 OR, 1 XR)

Class 280 : LAND VEHICLES

280/29 WHEELED



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280/400      .Articulated vehicle
280/415.1    ..Convertible
280/418.1    ...Semitrailer-type vehicle

2 280/441.2   (1 OR, 1 XR)
    Class 280 : LAND VEHICLES
    280/29   WHEELED
    280/400   .Articulated vehicle
    280/423.1 ..Semitrailer
    280/441.2 ...Detachable or shiftable gooseneck type

2 280/444     (0 OR, 2 XR)
    Class 280 : LAND VEHICLES
    280/29   WHEELED
    280/400   .Articulated vehicle
    280/442   ..Wheel steering by articulative movement
    280/443   ...Stub axle
    280/444   ....Drawbar pivoting

2 280/476.1   (0 OR, 2 XR)
    Class 280 : LAND VEHICLES
    280/29   WHEELED
    280/400   .Articulated vehicle
    280/476.1 ..Wheeled draft connection

2 280/478.1   (1 OR, 1 XR)
    Class 280 : LAND VEHICLES
    280/29   WHEELED
    280/400   .Articulated vehicle
    280/477   ..Connection facilitating
    280/478.1 ...Draft element bodily shiftable

2 280/482     (1 OR, 1 XR)
    Class 280 : LAND VEHICLES
    280/29   WHEELED
    280/400   .Articulated vehicle
    280/482   ..Adjustable length draft devices

2 280/490.1   (1 OR, 1 XR)
    Class 280 : LAND VEHICLES
    280/29   WHEELED
    280/400   .Articulated vehicle
    280/490.1 ..Vertically adjustable

2 280/491.2   (0 OR, 2 XR)
    Class 280 : LAND VEHICLES
    280/29   WHEELED
    280/400   .Articulated vehicle
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280/491.1 ..Retractable, foldable, or knockdown  
280/491.2 ...Telescoping

2 280/491.3 (0 OR, 2 XR)  
Class 280 : LAND VEHICLES  
280/29 WHEELED  
280/400 .Articulated vehicle  
280/491.1 ..Retractable, foldable, or knockdown  
280/491.3 ...Pivoting to nonuse position with single  
draft member

2 280/492 (0 OR, 2 XR)  
Class 280 : LAND VEHICLES  
280/29 WHEELED  
280/400 .Articulated vehicle  
280/492 ..Plural articulation axes

2 280/494 (1 OR, 1 XR)  
Class 280 : LAND VEHICLES  
280/29 WHEELED  
280/400 .Articulated vehicle  
280/492 ..Plural articulation axes  
280/493 ...Tow bar  
280/494 ....Horizontal pivot with vertical or universa

1  
pivots

2 280/497 (0 OR, 2 XR)  
Class 280 : LAND VEHICLES  
280/29 WHEELED  
280/400 .Articulated vehicle  
280/495 ..Vehicle mounting or clamp  
280/497 ...Vertically spaced connections of draft  
element to leading vehicle

2 280/511 (0 OR, 2 XR)  
Class 280 : LAND VEHICLES  
280/29 WHEELED  
280/400 .Articulated vehicle  
280/504 ..Coupling  
280/511 ...Ball and socket

2 280/851 (0 OR, 2 XR)  
Class 280 : LAND VEHICLES  
280/29 WHEELED  
280/727 .Attachment  
280/847 ..Dust and mud guards  
280/851 ...Splash guards

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- 2 296/157 (0 OR, 2 XR)
  - Class 296 : LAND VEHICLES: BODIES AND TOPS
  - 296/1.1 BODIES
  - 296/156 .Camper
  - 296/157 ..Having boat carrying means
  
- 2 296/24.1 (1 OR, 1 XR)
  - Class 296 : LAND VEHICLES: BODIES AND TOPS
  - 296/1.1 BODIES
  - 296/24.1 .Enclosed compartment
  
- 2 307/10.1 (0 OR, 2 XR)
  - Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION SYSTEMS
  - 307/9.1 VEHICLE MOUNTED SYSTEMS
  - 307/10.1 .Automobile
  
- 2 307/9.1 (0 OR, 2 XR)
  - Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION SYSTEMS
  - 307/9.1 VEHICLE MOUNTED SYSTEMS
  
- 2 340/539 (0 OR, 2 XR)
  - Class 340 : COMMUNICATIONS: ELECTRICAL
  - 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
  - 340/531 .With particular coupling link
  - 340/539 ..Radio
  
- 2 340/686.1 (2 OR, 0 XR)
  - Class 340 : COMMUNICATIONS: ELECTRICAL
  - 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
  - 340/540 .Specific condition
  - 340/686.1 ..Position responsive
  
- 2 340/687 (0 OR, 2 XR)
  - Class 340 : COMMUNICATIONS: ELECTRICAL
  - 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
  - 340/540 .Specific condition
  - 340/686.1 ..Position responsive
  - 340/687 ...Connected or disconnected
  
- 2 340/691.6 (0 OR, 2 XR)
  - Class 340 : COMMUNICATIONS: ELECTRICAL
  - 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
  - 340/691.1 .Specified indicator structure
  - 340/691.6 ..Information display

2 340/693.1 (0 OR, 2 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/500 CONDITION RESPONSIVE INDICATING SYSTEM  
 340/693.1 .Specified power supply

2 414/483 (0 OR, 2 XR)  
 Class 414 : MATERIAL OR ARTICLE HANDLING  
 414/467 SELF-LOADING OR UNLOADING VEHICLES  
 414/469 .With load-receiving portion, or significant  
 section thereof, pivotable relative to ho  
 rizontal  
 414/482 ..Trailer-type vehicle having load-receiving  
 portion pivotable relative to at least one  
 other  
 component  
 414/483 of vehicle  
 ...About joint or other connection in structur  
 e  
 (e.g., drawbar, frame, etc.) normally exten  
 ding  
 linearly,  
 or planarly, from tow-engaging end of vehic  
 le to axis of  
 wheels of vehicle, and relative to said end

2 417/234 (0 OR, 2 XR)  
 Class 417 : PUMPS  
 417/234 AMBULANT, BODY SUPPORTED, OR WITH CARRYING  
 HANDLE